Patent claims

1. A condenser, in particular for a motor vehicle air-conditioning system having a pipe/rib block with ribs and pipes and collecting pipes which are arranged on either side of them and hold the ends of the pipes, and a collector which is arranged in parallel with one of the collecting pipes and which is fluidically connected to the adjacent collecting pipe via openings, has a closure part, or is sealed off, at each of the ends, and holds a dryer cartridge and/or filter cartridge which is attached in the collector and has a circumferential sealing means which is arranged between the openings, characterized in that the dryer cartridge and/or filter cartridge can be attached in the collector by means of at least one securing means which is arranged at the circumference.

2. The condenser as claimed in claim 1, characterized in that both closure parts are nondetachably connected to the collector, or in that both ends are nondetachably closed off.

3. A condenser, in particular for a motor vehicle air-conditioning system having a pipe/rib block and collecting pipes which are arranged on either side thereof and hold the ends of the pipes, and a collector which is arranged in parallel with one of the collecting pipes and which is fluidically connected to the adjacent collecting pipe via openings, has at the ends at least one detachable closure part or in each case one detachable and one nondetachable closure part, and holds a dryer/filter cartridge which is attached in the collector and has a circumferential sealing means which is arranged between the openings, characterized in that the dryer/filter cartridge can be attached or secured in the collector by means of at least one securing means which is arranged at the circumference.

4. The condenser as claimed in claim 1, 2 or 3, characterized in that a plurality of securing means, preferably two, three or more, are provided.

5. The condenser as claimed in claim 1, 2, 3 or 4, characterized in that the securing means is embodied as at least one circumferential rib.

6. The condenser as claimed in claim 1, 2, 3 or 4, characterized in that the securing means is embodied as at least one multi-component, interrupted rib.

7. The condenser as claimed in claim 1, 2, 3 or 4, characterized in that the securing means is embodied in such a way that one or more projections or protrusions are provided.

8. The condenser as claimed in claim 1, 2, 3 or 4, characterized in that the securing means has a plurality of rib segments distributed over the circumference.

9. The condenser as claimed in one of the preceding claims, characterized in that the at least one securing means is formed on the dryer cartridge and/or filter cartridge or is connected thereto.

10. The condenser as claimed in one of the preceding claims, characterized in that the collector has at least one holding means or securing means into which the at least one securing means of the dryer cartridge and/or filter cartridge engages or interacts with it.

11. The condenser as claimed in one of the preceding claims, characterized in that the dryer cartridge and/or filter cartridge has at least one securing means into which the at least one securing means of the collector engages.

12. The condenser as claimed in one of the preceding claims, characterized in that the securing means or holding means is at least one at least partially circumferential depression in the collector.

13. The condenser as claimed in one of the preceding claims, characterized in that the securing means or holding means is at least one projection or a plurality of projections in the collector.

14. The condenser as claimed in one of the preceding claims, characterized in that the securing means or holding means is a plurality of at least partially circumferential projections in the collector.

15. The condenser as claimed in one of the preceding claims, characterized in that the holding means are at least one or more depressions in the collector.

16. The condenser as claimed in one of the preceding claims, characterized in that the collector is formed from a tubular element and an extruded profiled element.

17. The condenser as claimed in one of the preceding claims, characterized in that the collector is formed from an extruded profiled element.

18. The condenser as claimed in one of the preceding claims, characterized in that the depression is embodied as an annular groove.

19. The condenser as claimed in one of the preceding claims, characterized in that the depression or projection is embodied as a bead.

20. The condenser as claimed in one of the preceding claims, characterized in that a plurality of depressions or projections are provided.

21. The condenser as claimed in one of the preceding claims, characterized in that the securing means is embodied as an annular spring element which is secured to the dryer/filter cartridge at one end and engages in the depression at the other.

22. The condenser as claimed in one of claims 1 to 21, characterized in that the securing means is arranged between the overflow openings in the collector.

23. The condenser as claimed in one of claims 1 to 22, characterized in that the securing means and the sealing means are formed by a circumferential lip which is arranged between the openings.

24. A method for manufacturing a condenser as claimed in one of the preceding claims, characterized

- in that at first the condenser with pipe/rib block, collecting pipes, collector and only one closure part is soldered in an oven,
- in that the premounted dryer/filter cartridge is then inserted into the collector through the open end side and positioned by latching in the securing means, and
- in that the collector is finally closed off in a nondetachable or detachable fashion by means of the second closure part.